

Table AWM-2.--Agricultural Waste Management

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
BrE: Bethesda-----	60	Very limited Too steep for surface application Seepage	1.00 1.00	Very limited Slope  Restricted permeability	1.00 1.00	Very limited Too steep for surface application Too steep for sprinkler application Too acid Restricted permeability	1.00 1.00 1.00 1.00 0.26
Other soils-----	25	Not rated Not rated; Ksat Not rated; pH Not Rated; Slope  Not Rated; Slope  Not rated; Fragments > 250mm		Not rated Not rated; Slope Not rated; Ksat Not rated; Fragments 75 to 250mm Not rated; Fragments > 250mm		Not rated Not rated; Ksat Not rated; Ksat Not rated; pH  Not rated; Fragments 75 to 250mm Not rated; Fragments > 250mm	
Rock outcrop-----	15	Not rated Not rated; Ksat Not rated; pH Not Rated; Slope  Not Rated; Slope  Not rated; Fragments > 250mm		Not rated Not rated; Slope Not rated; Ksat Not rated; Fragments 75 to 250mm Not rated; Fragments > 250mm		Not rated Not rated; Ksat Not rated; Ksat Not rated; pH  Not rated; Fragments 75 to 250mm Not rated; Fragments > 250mm	
BuC: Buchanan-----	100	Very limited Depth to cemented pan Seepage  Too acid  Depth to saturated zone	1.00 1.00 1.00 0.95	Very limited Restricted permeability Depth to saturated zone Depth to cemented pan Slope	1.00 1.00 1.00 1.00	Very limited Depth to cemented pan Too acid Too steep for surface application Depth to saturated zone	1.00 1.00 1.00 0.95

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
		Too steep for surface application	0.50	Too acid	0.14	Too steep for sprinkler application	0.50
BuD: Buchanan-----	100	Very limited Depth to cemented pan	1.00	Very limited Slope	1.00	Very limited Depth to cemented pan	1.00
		Too steep for surface application	1.00	Restricted permeability	1.00	Too steep for surface application	1.00
		Seepage	1.00	Depth to saturated zone	1.00	Too steep for sprinkler application	1.00
		Too acid	1.00	Depth to cemented pan	1.00	Too acid	1.00
		Depth to saturated zone	0.95	Too acid	0.14	Depth to saturated zone	0.95
Cn: Chagrin-----	95	Very limited Flooding	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Flooding	0.60
		Seepage	1.00	Restricted permeability Flooding	0.60		
Holly-----	5	Not rated Not rated; Ksat Not rated; pH Not Rated; Slope		Not rated Not rated; Slope Not rated; Ksat Not rated; Fragments 75 to 250mm		Not rated Not rated; Ksat Not rated; Ksat Not rated; pH	
		Not Rated; Slope		Not rated; Fragments > 250mm		Not rated; Fragments 75 to 250mm	
		Not rated; Fragments > 250mm				Not rated; Fragments > 250mm	
DAM: Dam-----	100	Not rated Not rated; Ksat Not rated; pH Not Rated; Slope		Not rated Not rated; Slope Not rated; Ksat Not rated; Fragments 75 to 250mm		Not rated Not rated; Ksat Not rated; Ksat Not rated; pH	
		Not Rated; Slope		Not rated; Fragments > 250mm		Not rated; Fragments 75 to 250mm	
		Not rated; Fragments > 250mm				Not rated; Fragments > 250mm	
GaC: Gilpin-----	100	Very limited Depth to bedrock	1.00	Very limited Slope	1.00	Very limited Depth to bedrock	1.00

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
		Seepage	1.00	Restricted permeability	1.00	Too steep for surface application	1.00
		Too acid	1.00	Depth to bedrock	1.00	Too acid	1.00
		Too steep for surface application	1.00	Too acid	0.14	Too steep for sprinkler application	1.00
GaD: Gilpin-----	100	Very limited		Very limited		Very limited	
		Depth to bedrock	1.00	Slope	1.00	Depth to bedrock	1.00
		Too steep for surface application	1.00	Restricted permeability	1.00	Too steep for surface application	1.00
		Seepage	1.00	Depth to bedrock	1.00	Too steep for sprinkler application	1.00
		Too acid	1.00	Too acid	0.14	Too acid	1.00
GaE: Gilpin-----	100	Very limited		Very limited		Very limited	
		Depth to bedrock	1.00	Slope	1.00	Depth to bedrock	1.00
		Too steep for surface application	1.00	Restricted permeability	1.00	Too steep for surface application	1.00
		Seepage	1.00	Depth to bedrock	1.00	Too steep for sprinkler application	1.00
		Too acid	1.00	Too acid	0.14	Too acid	1.00
GaF: Gilpin-----	100	Very limited		Very limited		Very limited	
		Depth to bedrock	1.00	Slope	1.00	Depth to bedrock	1.00
		Too steep for surface application	1.00	Restricted permeability	1.00	Too steep for surface application	1.00
		Seepage	1.00	Depth to bedrock	1.00	Too steep for sprinkler application	1.00
		Too acid	1.00	Too acid	0.14	Too acid	1.00
GDF: Gilpin-----	60	Very limited		Very limited		Very limited	
		Depth to bedrock	1.00	Slope	1.00	Depth to bedrock	1.00
		Too steep for surface application	1.00	Restricted permeability	1.00	Too steep for surface application	1.00
		Seepage	1.00	Depth to bedrock	1.00	Too steep for sprinkler application	1.00
		Too acid	1.00	Too acid	0.14	Too acid	1.00
		Cobble content	0.01	Cobble content	0.04	Cobble content	0.50
Dekalb-----	25	Very limited		Very limited		Very limited	
		Seepage	1.00	Slope	1.00	Depth to bedrock	1.00
		Depth to bedrock	1.00	Restricted permeability	1.00	Too steep for surface application	1.00

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
		Too steep for surface application	1.00	Depth to bedrock	1.00	Too steep for sprinkler application	1.00
		Too acid	0.99	Cobble content	0.35	Filtering capacity	1.00
		Cobble content	0.22	Too acid	0.14	Too acid	0.99
Other soils-----	15	Not rated		Not rated		Not rated	
		Not rated; Ksat		Not rated; Slope		Not rated; Ksat	
		Not rated; pH		Not rated; Ksat		Not rated; Ksat	
		Not Rated; Slope		Not rated; Fragments 75 to 250mm		Not rated; pH	
		Not Rated; Slope		Not rated; Fragments > 250mm		Not rated; Fragments 75 to 250mm	
		Not rated; Fragments > 250mm				Not rated; Fragments > 250mm	
GuC: Gilpin-----	55	Very limited		Very limited		Very limited	
		Depth to bedrock	1.00	Slope	1.00	Depth to bedrock	1.00
		Seepage	1.00	Restricted permeability	1.00	Too steep for surface application	1.00
		Too acid	1.00	Depth to bedrock	1.00	Too acid	1.00
		Too steep for surface application	1.00	Too acid	0.14	Too steep for sprinkler application	1.00
Upshur-----	35	Very limited		Very limited		Very limited	
		Seepage	1.00	Slope	1.00	Too steep for surface application	1.00
		Too steep for surface application	1.00	Restricted permeability	1.00	Too steep for sprinkler application	1.00
		Depth to bedrock	1.00	Depth to bedrock	1.00	Depth to bedrock	1.00
		Too acid	0.77			Restricted permeability	0.96
						Too acid	0.77
Other soils-----	10	Not rated		Not rated		Not rated	
		Not rated; Ksat		Not rated; Slope		Not rated; Ksat	
		Not rated; pH		Not rated; Ksat		Not rated; Ksat	
		Not Rated; Slope		Not rated; Fragments 75 to 250mm		Not rated; pH	
		Not Rated; Slope		Not rated; Fragments > 250mm		Not rated; Fragments 75 to 250mm	
		Not rated; Fragments > 250mm				Not rated; Fragments > 250mm	
GuD: Gilpin-----	55	Very limited		Very limited		Very limited	
		Depth to bedrock	1.00	Slope	1.00	Depth to bedrock	1.00

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Upshur-----	30	Too steep for surface application	1.00	Restricted permeability	1.00	Too steep for surface application	1.00
		Seepage	1.00	Depth to bedrock	1.00	Too steep for sprinkler application	1.00
		Too acid	1.00	Too acid	0.14	Too acid	1.00
		Very limited		Very limited		Very limited	
		Too steep for surface application	1.00	Slope	1.00	Too steep for surface application	1.00
		Seepage	1.00	Restricted permeability	1.00	Too steep for sprinkler application	1.00
		Depth to bedrock	1.00	Depth to bedrock	1.00	Depth to bedrock	1.00
		Too acid	0.77			Restricted permeability	0.96
						Too acid	0.77
Other soils-----	15	Not rated		Not rated		Not rated	
		Not rated; Ksat		Not rated; Slope		Not rated; Ksat	
		Not rated; pH		Not rated; Ksat		Not rated; Ksat	
		Not Rated; Slope		Not rated; Fragments 75 to 250mm		Not rated; pH	
		Not Rated; Slope		Not rated; Fragments > 250mm		Not rated; Fragments 75 to 250mm	
GuE: Gilpin-----	55	Not rated; Fragments > 250mm				Not rated; Fragments > 250mm	
		Very limited		Very limited		Very limited	
		Depth to bedrock	1.00	Slope	1.00	Depth to bedrock	1.00
		Too steep for surface application	1.00	Restricted permeability	1.00	Too steep for surface application	1.00
		Seepage	1.00	Depth to bedrock	1.00	Too steep for sprinkler application	1.00
Upshur-----	30	Too acid	1.00	Too acid	0.14	Too acid	1.00
		Very limited		Very limited		Very limited	
		Too steep for surface application	1.00	Slope	1.00	Too steep for surface application	1.00
		Seepage	1.00	Restricted permeability	1.00	Too steep for sprinkler application	1.00
		Depth to bedrock	1.00	Depth to bedrock	1.00	Depth to bedrock	1.00
Other soils-----	15	Too acid	0.77			Restricted permeability	0.96
						Too acid	0.77
		Not rated		Not rated		Not rated	
		Not rated; Ksat		Not rated; Slope		Not rated; Ksat	
		Not rated; pH		Not rated; Ksat		Not rated; Ksat	

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
		Not Rated; Slope		Not rated; Fragments 75 to 250mm		Not rated; pH	
		Not Rated; Slope		Not rated; Fragments > 250mm		Not rated; Fragments 75 to 250mm	
		Not rated; Fragments > 250mm				Not rated; Fragments > 250mm	
GwF3: Gilpin-----	50	Very limited Depth to bedrock	1.00	Very limited Slope	1.00	Very limited Depth to bedrock	1.00
		Too steep for surface application	1.00	Restricted permeability	1.00	Too steep for surface application	1.00
		Seepage	1.00	Depth to bedrock	1.00	Too steep for sprinkler application	1.00
		Too acid	1.00	Too acid	0.14	Too acid	1.00
Upshur-----	35	Very limited Too steep for surface application	1.00	Very limited Slope	1.00	Very limited Too steep for surface application	1.00
		Seepage	1.00	Restricted permeability	1.00	Too steep for sprinkler application	1.00
		Depth to bedrock	1.00	Depth to bedrock	1.00	Depth to bedrock	1.00
		Too acid	0.77			Restricted permeability	0.96
						Too acid	0.77
Other soils-----	15	Not rated		Not rated		Not rated	
		Not rated; Ksat		Not rated; Slope		Not rated; Ksat	
		Not rated; pH		Not rated; Ksat		Not rated; Ksat	
		Not Rated; Slope		Not rated; Fragments 75 to 250mm		Not rated; pH	
		Not Rated; Slope		Not rated; Fragments > 250mm		Not rated; Fragments 75 to 250mm	
		Not rated; Fragments > 250mm				Not rated; Fragments > 250mm	
Ha: Hackers-----	100	Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Somewhat limited Too acid	0.42
		Too acid	0.42				
		Flooding	0.40				
JaE: Janelew-----	100	Very limited Too steep for surface application	1.00	Very limited Slope	1.00	Very limited Too steep for surface application	1.00

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Lh: Lobdell-----	45	Seepage	1.00	Restricted permeability	1.00	Too steep for sprinkler application	1.00
		Cobble content	0.02	Cobble content	0.03		
		Very limited Flooding	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.68
		Seepage	1.00	Restricted permeability	1.00	Flooding	0.60
		Depth to saturated zone	0.68	Flooding	0.60	Too acid	0.07
		Too acid	0.07				
Other soils-----	30	Not rated		Not rated		Not rated	
		Not rated; Ksat		Not rated; Slope		Not rated; Ksat	
		Not rated; pH		Not rated; Ksat		Not rated; Ksat	
		Not Rated; Slope		Not rated; Fragments 75 to 250mm		Not rated; pH	
Holly-----	25	Not Rated; Slope		Not rated; Fragments > 250mm		Not rated; Fragments 75 to 250mm	
		Not rated; Fragments > 250mm				Not rated; Fragments > 250mm	
		Very limited Flooding	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Restricted permeability	1.00	Flooding	0.60
MoB: Monongahela-----	100	Seepage	1.00	Flooding	0.60		
		Very limited Seepage	1.00	Very limited Restricted permeability	1.00	Very limited Too acid	1.00
		Too acid	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.95
		Depth to saturated zone	0.95	Slope	0.50	Too steep for surface	0.68
Ms: Moshannon-----	100					application Restricted permeability	0.50
		Very limited Flooding	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Flooding	0.60
		Seepage	1.00	Restricted permeability	1.00		
Po: Pope-----	100			Flooding	0.60		
		Very limited Flooding	1.00	Somewhat limited Restricted permeability	0.62	Very limited Too acid	1.00

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Sn: Senecaville-----	95	Seepage	1.00	Flooding	0.60	Flooding	0.60
		Too acid	1.00	Too acid	0.14		
		Very limited Flooding	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.95
		Seepage	1.00	Restricted permeability	1.00	Flooding	0.60
		Depth to saturated zone Too acid	0.95 0.42	Flooding	0.60	Too acid	0.42
Holly-----	5	Not rated		Not rated		Not rated	
		Not rated; Ksat		Not rated; Slope		Not rated; Ksat	
		Not rated; pH		Not rated; Ksat		Not rated; Ksat	
		Not Rated; Slope		Not rated; Fragments 75 to 250mm		Not rated; pH	
		Not Rated; Slope		Not rated; Fragments > 250mm		Not rated; Fragments 75 to 250mm	
Su: Sensabaugh-----	95	Not rated; Fragments > 250mm				Not rated; Fragments > 250mm	
		Very limited Flooding	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Flooding	0.60
		Seepage	1.00	Restricted permeability	0.62		
				Flooding	0.60		
Holly-----	5	Not rated		Not rated		Not rated	
		Not rated; Ksat		Not rated; Slope		Not rated; Ksat	
		Not rated; pH		Not rated; Ksat		Not rated; Ksat	
		Not Rated; Slope		Not rated; Fragments 75 to 250mm		Not rated; pH	
		Not Rated; Slope		Not rated; Fragments > 250mm		Not rated; Fragments 75 to 250mm	
Uf: Udorthents-----	100	Not rated; Fragments > 250mm				Not rated; Fragments > 250mm	
		Not rated		Not rated		Not rated	
		Not rated; Ksat		Not rated; Slope		Not rated; Ksat	
		Not rated; pH		Not rated; Ksat		Not rated; Ksat	
		Not Rated; Slope		Not rated; Fragments 75 to 250mm		Not rated; pH	
		Not Rated; Slope				Not rated; Fragments 75 to 250mm	



Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Ur: Udorthents-----	50	Not rated; Fragments 75 to 250mm				Not Rated; Slope	
		Not rated		Not rated		Not rated	
		Not rated; Ksat		Not rated; Slope		Not rated; Ksat	
		Not rated; pH		Not rated; Ksat		Not rated; Ksat	
Urban land-----	50	Not Rated; Slope		Not rated; Fragments 75 to 250mm		Not rated; pH	
		Not Rated; Slope				Not rated; Fragments 75 to 250mm	
		Not rated; Fragments 75 to 250mm				Not Rated; Slope	
		Not rated		Not rated		Not rated	
VaC: Vandalia-----	100	Not rated; Ksat		Not rated; Slope		Not rated; Ksat	
		Not rated; pH		Not rated; Ksat		Not rated; Ksat	
		Not Rated; Slope		Not rated; Fragments 75 to 250mm		Not rated; pH	
		Not Rated; Slope		Not rated; Fragments > 250mm		Not rated; Fragments 75 to 250mm	
VaD: Vandalia-----	100	Not rated; Fragments > 250mm				Not rated; Fragments > 250mm	
		Very limited		Very limited		Very limited	
		Too steep for surface application	1.00	Slope	1.00	Too steep for surface application	1.00
		Seepage	1.00	Restricted permeability	1.00	Too steep for sprinkler application	1.00
VaE: Vandalia-----	100	Too acid	0.91	Depth to saturated zone	1.00	Too acid	0.91
						Restricted permeability	0.50
		Very limited		Very limited		Very limited	
		Too steep for surface application	1.00	Slope	1.00	Too steep for surface application	1.00
VaE: Vandalia-----	100	Seepage	1.00	Restricted permeability	1.00	Too steep for sprinkler application	1.00
		Too acid	0.91	Depth to saturated zone	1.00	Too acid	0.91
						Restricted permeability	0.50
		Very limited		Very limited		Very limited	

Table AWM-2.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Overland flow of wastewater		Rapid infiltration of wastewater		Slow rate treatment of wastewater	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
W: Water-----	100	Too steep for surface application	1.00	Slope	1.00	Too steep for surface application	1.00
		Seepage	1.00	Restricted permeability	1.00	Too steep for sprinkler application	1.00
		Too acid	0.91	Depth to saturated zone	1.00	Too acid	0.91
						Restricted permeability	0.50
		Not rated		Not rated		Not rated	
		Not rated; Ksat		Not rated; Slope		Not rated; Ksat	
		Not rated; pH		Not rated; Ksat		Not rated; Ksat	
		Not Rated; Slope		Not rated; Fragments 75 to 250mm		Not rated; pH	
		Not Rated; Slope		Not rated; Fragments > 250mm		Not rated; Fragments 75 to 250mm	
		Not rated; Fragments > 250mm				Not rated; Fragments > 250mm	
WuE3: Westmoreland-----	50	Very limited		Very limited		Very limited	
		Too steep for surface application	1.00	Slope	1.00	Too steep for surface application	1.00
		Seepage	1.00	Depth to bedrock	1.00	Too steep for sprinkler application	1.00
		Depth to bedrock	1.00	Restricted permeability	1.00	Depth to bedrock	1.00
		Too acid	0.91			Too acid	0.91
Upshur-----	35	Very limited		Very limited		Very limited	
		Too steep for surface application	1.00	Slope	1.00	Too steep for surface application	1.00
		Seepage	1.00	Restricted permeability	1.00	Too steep for sprinkler application	1.00
		Depth to bedrock	1.00	Depth to bedrock	1.00	Depth to bedrock	1.00
		Too acid	0.77			Restricted permeability	0.96
Other soils-----	15					Too acid	0.77
		Not rated		Not rated		Not rated	
		Not rated; Ksat		Not rated; Slope		Not rated; Ksat	
		Not rated; pH		Not rated; Ksat		Not rated; Ksat	
		Not Rated; Slope		Not rated; Fragments 75 to 250mm		Not rated; pH	
		Not Rated; Slope		Not rated; Fragments > 250mm		Not rated; Fragments 75 to 250mm	
		Not rated; Fragments > 250mm				Not rated; Fragments > 250mm	